"Internet Server Appliance Platform with Flexible Integrated Suite of Server Resources

and Content Delivery Capabilities Supporting Continuous Data Flow Demands and Bursty

Demands"

ABSTRACT OF THE DISCLOSURE

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[0088]   A horizontally scalable arrangement of computing and storage resources,

including interconnections and interoperations, allowing configuration of various ratios of

server capability to storage capability through a flexible and reconfigurable blade

organization.   External data communications are interfaced to two separate internal

10   communications networks through a fixed set of switching resources, the switching

resources being independent of the server and storage blades, one internal communications

network for data flow to and from storage elements, and another internal network for data

flow to and from server elements. Both internal networks are used for data flow between

server and storage elements. The integrated switches reduce the number of cables in the

15   system by providing aggregation and distribution of data. Signal processing resources are

distributed with each server element, allowing efficient deployment of Internet applications

without the need for specialized signal processing server platforms such as voice

recognition servers, video compression servers, etc.